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PATENT

Attorney Docket No.: INTEL1510 (P18520)

Applicant: Koo, et al. Art Unit: 1636  
Application No.: 10/814,695 Examiner: Not Yet Assigned  
Filed: March 30, 2004  
Title: SURFACE MODIFICATION OF METALS FOR BIOMOLECULE  
DETECTION USING SURFACE ENHANCED RAMAN  
SCATTERING (SERS)

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

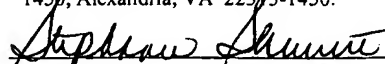
Sir:

In accordance with 37 C.F.R. 1.97, enclosed are references relating to the above-identified application. For the convenience of the Examiner, these references are listed on the attached Form PTO-1449 and a copy of Items B through E are enclosed herewith.

It is respectfully requested that these references be considered in the examination of this application and their consideration be made of written record in the application file.

**CERTIFICATION UNDER 37 CFR §1.8**

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on January 20, 2005, in an envelope addressed to:, Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Stephanie Sharrett

In re Application of:

Koo, et al.

Application No.: 10/814,695

Filed: March 30, 2004

Page 2

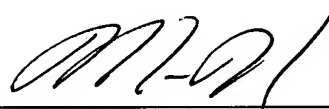
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This Information Disclosure Statement is being filed prior to receipt of a First Office Action on the merits. Therefore, no fee is deemed necessary. However, the Commissioner is hereby authorized to charge any amounts required by this filing, or credit any overpayment, to Deposit Account No. 07-1896.

Respectfully submitted,

Date: January 20, 2005



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PATENT  
ATTORNEY DOCKET NO. INTEL1510 (P18520)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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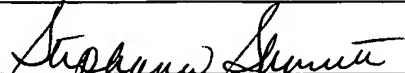
Mail Stop Amendment  
Commissioner for Patents  
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Alexandria, VA 22313-1450

**TRANSMITTAL SHEET**

Sir:

Transmitted herewith for the above-identified application, please find:

- (1) A Information Disclosure Statement (2 pages);
- (2) A Form PTO-1449 (1 page);
- (3) Four (4) References; and
- (4) Return postcard.

CERTIFICATION UNDER 37 CFR §1.8	
I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on this date, January 20, 2005, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450	
Stephanie Sharrett	
(Name of Person Mailing Paper)	
	January 20, 2005

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Koo, et al.

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Page 2

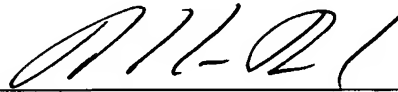
PATENT

Attorney Docket No.: INTEL1510 (P18520)

Applicants do not believe any fees are due in connection with this Information Disclosure Statement. However, if any fees are required, authorization is hereby given to charge Deposit Account No. 07-1896. A duplicate copy of this Transmittal sheet is enclosed.

Respectfully submitted,

Date: January 20, 2005



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<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office	<b>Docket No.:</b> INTEL1510 (P18520)	<b>Serial No.:</b> 10/814, 695
	<b>Applicants:</b> Koo, et al.	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	<b>Filing Date:</b> March 30, 2004	<b>Group Art Unit:</b> 1636

### U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	A	6,514,767	2/4/03	Michael Natan	436	166	

### FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

	B	Doering, et al., "Spectroscopic Tags Using Dye-Embedded Nanoparticles and Surface -Enhanced Raman Scattering", <i>Analytical Chemistry</i> , :5-9
	C	Lee, et al., "Adsorption and Surface-Enhanced Raman of Dyes on Silver and Gold Sols", <i>J. Phys. Chem.</i> 86:3391-3395, (1982).
	D	Mulvaney, et al., "Glass-Coated, Analyte-Tagged Nanoparticles: A New Tagging System Based on <i>Detection with Surface-Enhanced Raman Scattering</i> ", <i>Am Chem Soc.</i> 19:4784-4790 (2003).
	E	Nie, et al., "Probing Single Molecules and Single Nanoparticles by Surface-Enhanced Raman Scattering", <i>Sci.</i> 275:1102-1106, (1997).

<b>EXAMINER</b>  GT6430410.1 1090132-106	<b>DATE CONSIDERED</b>
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.